BRUHAT BANGALORE MAHANAGARA PALIKE

PWD FORM - 45 (WORK SLIP)

Name of Work: Improvements and Asphalting to Roads at Doddabommasandra, Krishna Temple Surrounding areas in Ward No. 09 (Vidyaranyapura).

Name of Agency: Sri Nataraj. T, No. 02, 1st Main, Amarajyothi Layout, RT Nagar, Bangalore - 32.

Estimated Cost: Rs. 30,00,000.00

Approved Amount : Rs. 25,53,460.39

Work Order No. BBMP/EE/BTP/WO/118/2020-21 Dated: 25.09.2020.

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate			Qty. as per Tender			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2018-19+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface	Cum	369.50	243.88	90113.66	369.50	232.00	85724.00	369.50	369.50	232.00	85724.00	0.00	0.00	0.00	85724.00	0.00		
2	Removing and refixing stone slabs of drains and pointing in CM (1:3) etc complete as per specifications and	Sqm	1869.21	111.30	208043.07	1869.21	106.00	198136.26	1869.21	1869.21	106.00	198136.26	0.00	0.00	0.00	198136.26	0.00		
3	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing etc complete as per	Sqm	460.35	742.00	341579.70	460.35	708.00	325927.80	460.35	460.35	708.00	325927.80	0.00	0.00	0.00	325927.80	0.00		
4	Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a	Sqm	268.80	979.44	263273.47	268.80	934.00	251059.20	268.80	268.80	934.00	251059.20	0.00	0.00	0.00	251059.20	0.00		
5	Providing and laying in position **plain cement concrete of mix 1:2:4** with cement @ 240kgs. with 20mm and down size graded granite metal coarse	Cum	27.66	5599.98	154895.45	27.66	5347.00	147898.02	21.27	21.27	5347.00	113730.69	0.00	0.00	0.00	113730.69	34167.33		
6	Providing granite slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing etc complete as per	Sqm	297.00	966.72	287115.84	297.00	923.00	274131.00	189.00	189.00	923.00	174447.00	0.00	0.00	0.00	174447.00	99684.00		
7	Providing chamfering edges to stone slab 2.5 cms. wide as per specifications. (only chamfered length shall be recorded) etc complete as per specifications and	m	1650.00	61.48	101442.00	1650.00	58.00	95700.00	1050.00	1050.00	58.00	60900.00	0.00	0.00	0.00	60900.00	34800.00		
8	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the	Sqm	544.93	95.40	51986.32	544.93	91.00	49588.63	988.75	681.16	91.00	61985.56	307.59	90.97	27981.46	89967.02		40378.39	
9	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the	Cum	136.23	2001.28	272634.37	136.23	1910.00	260199.30	195.56	170.29	1910.00	325253.90	25.27	1908.30	48222.74	373476.64		113277.34	
10	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and	Sqm	544.93	28.62	15595.90	544.93	27.00	14713.11	988.75	681.16	27.00	18391.32	307.59	28.30	8704.80	27096.12		12383.01	
11	Providing and laying **bituminous macadam** on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course	Cum	27.25	5363.60	146158.10	27.25	5121.00	139547.25	49.44	34.06	5121.00	174421.26	15.38	4985.03	76669.76	251091.02		111543.77	

Sl. No.	Description	Unit	Qty. as per Sanctioned Estimate			Qty. as per Tender			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2018-19+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
12	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous	Sqm	2179.70	5.30	11552.41	2179.70	5.00	10898.50	988.75	988.75	5.00	4943.75	0.00	0.00	0.00	4943.75	5954.75		
13	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted	Sqm	2179.70	12.72	27725.78	2179.70	12.00	26156.40	988.75	988.75	12.00	11865.00	0.00	0.00	0.00	11865.00	14291.40		
14	Providing and laying **bituminous concrete 40 mm thick** with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler,	Cum	87.19	7590.66	661829.65	87.19	7248.00	631953.12	39.55	39.55	7248.00	286658.40	0.00	0.00	0.00	286658.40	345294.72		
15	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot	Sqm	96.60	454.74	43927.88	96.60	433.00	41827.80	35.00	35.00	433.00	15155.00	0.00	0.00	0.00	15155.00	26672.80		
	Sub Total				2677873.61											2270177.90		277582.51	
	1% Third Party Inspection Charges				321344.83														
	Miscelaneous and unforgen charges	LS			782.00														
	Total				**3000000.00**			**2553460.39**								2270177.90	560865.00	277582.51	

10.87 %

Work Slip Amount Percentage Excess 277582.51 / **Approved Tender Amount** 2553460.39 x100 = **10.87%**

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

"WORK SLIP APPROVED"

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